

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

MISSOURI CLEAN WATER COMMISSION



MISSOURI STATE OPERATING PERMIT

In compliance with the Missouri Clean Water Law, (Chapter 644 R.S. Mo. as amended, hereinafter, the Law), and the Federal Water Pollution Control Act (Public Law 92-500, 92nd Congress) as amended,

Permit No. MO-0128686

Owner: Beelman Truck Company
Address: # 4 Caine Drive, Madison, IL 62060

Continuing Authority: Same as above
Address: Same as above

Facility Name: Beelman Truck Company
Facility Address: Highway 32 West, Ste. Genevieve, MO 63670

Legal Description: NE $\frac{1}{4}$, SE $\frac{1}{4}$, Sec. 3, T37N, R8E, Ste. Genevieve County
Latitude/Longitude: +3756184/-09007579

Receiving Stream: Unnamed Tributary to Indian Creek (U)
First Classified Stream and ID: Indian Creek (C)(01747)
USGS Basin & Sub-watershed No.: (07140101-230003)

is authorized to discharge from the facility described herein, in accordance with the effluent limitations and monitoring requirements as set forth herein:

FACILITY DESCRIPTION

All Outfalls - SIC #4213

Land application of clarified truck wash-water and sediment from a single cell sedimentation basin onto agricultural land for beneficial use in accordance with the volumes, waste type, and process established an approved land application plan. Average flow is 775 gallons per day and average solids loading to the basin is 165 pounds per day.

This permit authorizes only wastewater discharges under the Missouri Clean Water Law and the National Pollutant Discharge Elimination System; it does not apply to other regulated areas. This permit may be appealed in accordance with Section 644.051.6 of the Law.

March 7, 2003

Effective Date

Stephen M. Mahfood, Director, Department of Natural Resources
Executive Secretary, Clean Water Commission

March 6, 2008

Expiration Date

Gary L. Gaines, P.E., Director, Southeast Regional Office

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS					PAGE NUMBER 2 of 4	
					PERMIT NUMBER MO-0128686	
The permittee is authorized to discharge from outfall(s) with serial number(s) as specified in the application for this permit. The final effluent limitations shall become effective upon issuance and remain in effect until expiration of the permit. Such discharges shall be controlled, limited and monitored by the permittee as specified below:						
OUTFALL NUMBER AND EFFLUENT PARAMETER(S)	UNITS	FINAL EFFLUENT LIMITATIONS			MONITORING REQUIREMENTS	
		DAILY MAXIMUM	WEEKLY AVERAGE	MONTHLY AVERAGE	MEASUREMENT FREQUENCY	SAMPLE TYPE
<u>Outfall #001 (Note 1)</u>						
Flow	MGD	*		*	once/year	24 hr. estimate
Total Suspended Solids	mg/L	120		90	once/year	grab
Oil & grease	mg/L	15		10	once/year	grab
pH - Units	SU	**		**	once/year	grab
MONITORING REPORTS SHALL BE SUBMITTED <u>ANNUALLY</u> ; THE FIRST REPORT IS DUE <u>October 28, 2003</u> . THERE SHALL BE NO DISCHARGE OF FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.						
B. STANDARD CONDITIONS						
IN ADDITION TO SPECIFIED CONDITIONS STATED HEREIN, THIS PERMIT IS SUBJECT TO THE ATTACHED <u>Part I</u> STANDARD CONDITIONS DATED <u>October 1, 1980</u> , AND HEREBY INCORPORATED AS THOUGH FULLY SET FORTH HEREIN.						

MO 780-0010 (8/91)

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)

* Monitoring requirement only.

** pH is measured in pH units and is not to be averaged. The pH is to be maintained at or above 6.0 pH units.

Note 1 - Final effluent limitations apply to discharges from the sedimentation basin. When wastewater is land applied, the final effluent limitations and monitoring requirements shall apply, only to flow, Chemical Oxygen Demand, and Total Suspended Solids, at the point of any discharge from the land application field, including storm water runoff. Samples of storm water discharge from the application field shall be collected within 30 minutes of a storm event exceeding 0.2 inches, if wastewater was land applied during the report period. Report as no-discharge, if wastewater was not land applied during the report period and there were no other discharges for the facility.

C. SPECIAL CONDITIONS

1. This permit may be reopened and modified, or alternatively revoked and reissued, to:
 - (a) Comply with any applicable effluent standard or limitation issued or approved under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a) (2) of the Clean Water Act, if the effluent standard or limitation so issued or approved:
 - (1) contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or
 - (2) controls any pollutant not limited in the permit.
 - (b) Incorporate new or modified effluent limitations or other conditions, if the result of a waste load allocation study, toxicity test or other information indicates changes are necessary to assure compliance with Missouri's Water Quality Standards.

C. SPECIAL CONDITIONS (continued)

- (c) Incorporate new or modified effluent limitations or other conditions if, as the result of a watershed analysis, a Total Maximum Daily Load (TMDL) limitation is developed for the receiving waters which are currently included in Missouri's list of waters of the state not fully achieving the state's water quality standards, also called the 303(d) list.

The permit as modified or reissued under this paragraph shall also contain any other requirements of the Clean Water Act then applicable.

- 2. All outfalls must be clearly marked in the field.
- 3. Permittee will cease discharge by connection to areawide wastewater treatment system within 90 days of notice of its availability.
- 4. Changes in Discharges of Toxic Substances

The permittee shall notify the Director as soon as it knows or has reason to believe:

- (a) That any activity has occurred or will occur which would result in the discharge of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels:"
 - (1) One hundred micrograms per liter (100 µg/L);
 - (2) Two hundred micrograms per liter (200 µg/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/L) for 2,5 dinitrophenol and for 2-methyl-4, 6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;
 - (3) Five (5) times the maximum concentration value reported for the pollutant in the permit application;
 - (4) The level established in Part A of the permit by the Director.
 - (b) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant, which was not reported in the permit application.
- 5. The facility shall be operated as a no-discharge facility in accordance with 10 CSR 20-6.015(1)(B)7. A no-discharge facility is a facility designed and operated:
 - (a) to hold or land apply without direct discharge to surface or subsurface waters of the state, all waste flows and associated storm water flows for the wettest one-in-ten year precipitation and the twenty-five year twenty-four hour rainfall;
 - (b) wastes are not land applied during frozen, snow covered, or saturated soil conditions; and
 - (c) there must not be subsurface release in violation of 10 CSR 20-7.015.
 - 6. Report as no-discharge when a discharge does not occur during the report period.
 - 7. General Criteria. The following water quality criteria shall be applicable to all waters of the state at all times including mixing zones. No water contaminant, by

itself or in combination with other substances, shall prevent the waters of the state from meeting the following conditions:

- (a) Waters shall be free from substances in sufficient amounts to cause the formation of putrescent, unsightly or harmful bottom deposits or prevent full maintenance of beneficial uses;
- (b) Waters shall be free from oil, scum and floating debris in sufficient amounts to be unsightly or prevent full maintenance of beneficial uses;
- (c) Waters shall be free from substances in sufficient amounts to cause unsightly color or turbidity, offensive odor or prevent full maintenance of beneficial uses;

C. SPECIAL CONDITIONS (continued)

- (d) Waters shall be free from substances or conditions in sufficient amounts to result in toxicity to human, animal or aquatic life;
 - (e) There shall be no significant human health hazard from incidental contact with the water;
 - (f) There shall be no acute toxicity to livestock or wildlife watering;
 - (g) Waters shall be free from physical, chemical or hydrologic changes that would impair the natural biological community;
 - (h) Waters shall be free from used tires, car bodies, appliances, demolition debris, used vehicles or equipment and solid waste as defined in Missouri's Solid Waste Law, section 260.200, RSMo, except as the use of such materials is specifically permitted pursuant to section 260.200-260.247.
8. The non-hazardous sludge described in the permit application may be land applied in accordance with the sludge management plan that accompanied the revised permit application submitted to the department November 11, 2002. Soil analysis shall be performed, in accordance with this plan, to assure that maximum cumulative contaminate loads are not exceeded.
9. A construction permit and permit modification will be required for installation of any additional storage structure.
10. Other than the rainfall exceptions in this permit, the land application and sedimentation basin shall be operated so that adequate freeboard is maintained between the water level and overflow point and so there is no discharge to waters of the state. The storage basin shall be lowered prior to winter months.
11. To avoid discharge, wastewater may be hauled to a permitted wastewater treatment facility during inclement weather conditions when land application is not allowed.
12. Land application rates shall not cause surface ponding of applied waste or runoff from the application sites during land application.
13. Land application shall not occur during frozen, snow covered, or saturated soil conditions.
14. Land application equipment shall be properly operated and maintained and shall be visually checked daily during land application.
15. Land application site shall be well vegetated during the application periods or vegetation should be established as soon as practicable after solids are incorporation within the normal crop planting season.
16. All operators shall be provided training in proper land application procedures as outlined in this permit and in the Land Application Plan contained in the application.
17. This permit does not permit the land application of sludge or and biosolids resulting from the treatment of domestic sewage.
18. This permit does not permit the disposal of industrial sludge or solids other than that described in the November 2002 revised permit application. Other industrial sludge shall be disposed at a permitted solid waste disposal facility in accordance with 10 CSR 80; or if the sludge is determined to be hazardous waste, shall be disposed at a permitted hazardous waste disposal facility pursuant to 10 CSR 25.
19. This permit may (after due process) be modified, or alternatively revoked and reissued, to comply with any applicable sludge disposal standard or limitation issued or approved under Section 405(d) of the Clean Water Act.